

Receipt date: 02/20/2009

Substitute form 1449A/PTO			Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/549,730
			Filing Date	07/05/2006
			First Named Inventor	Kyle, D.J.
			Group Art Unit	1794
			Examiner Name	C.D. Sayala
Sheet	1		Attorney Docket Number	026086.079-32

Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
		7,396,548		Kyle	07-08-2008

US Published Applications				
Examiner Initials*	Cite No.	Publication No.	Date	Applicant
		20040177392	09-09-2004	Barratt, R. et al
		20040081638	04-29-2004	Kyle, D.J.
		20060130162	06-15-2006	Kyle, D.J. et al
		20060120999	06-08-2006	Dhar, A.K. et al
		20060127453	06-15-2006	Harel, M.
		20070082008	04-12-2007	Harel, M. et al
		20060008861	01-12-2006	Allnutt, F.C.T. et al
		20050241011	10-27-2005	Allnutt, F.C.T. et al
		20040047881	03-11-2004	Kyle, D.J.

Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Office	Number	Kind Code (if known)		
			WO 2004/091307	A2	Harel, M.	04-08-2004
			WO 2004/043139	A2	Harel, M.	11-13-2003

TRI1\676091v1	/Chhaya Sayala/	Date Considered	11/02/2010
---------------	-----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /C.S./

Receipt date: 02/20/2009

Substitute form 1449A/PTO		Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/549,730	
		Filing Date	07/05/2006	
		First Named Inventor	Kyle, D.J.	
		Group Art Unit	1794	
		Examiner Name	C.D. Sayala	
Sheet	2	Attorney Docket Number		026086.079-32

OTHER NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
		Burke, P. A. , P. R. Ling, et al. (2001). "Sites of conditional essential fatty acid deficiency in end stage liver disease. "JPEN J Parenter Enteral Nutr 25 (4): 188- 93.	
		Chesney, R. W. , R. A. Helms, et al. (1998). "An updated view of the value of taurine in infant nutrition. "Adv Pediatr 45: 179-200	
		Chetty, N. , S. C. Reavis, et al. (1989). "Fatty acid composition of some South African fresh-water fish. "S Afr Med J 76 (7): 368-70.	
		Crawford, M. A. , M. Bloom, et al. (1999). "Evidence for the unique function of docosahexaenoic acid during the evolution of the modern hominid brain." Lipids 34 (47): S39-47.	
		Goralczyk, R. , F. M. Barker, et al. (2000). "Dose dependency of canthaxanthin crystals in monkey retina and spatial distribution of its metabolites." Invest Ophthalmol Vis Sci 41 (6) : 1513-22.	
		Gormley, J. J. (1999). DHA. A Good Fat, Kensington Publishing Corp. Hardy, R. (2002). Organic Farmed Fish. Aquaculture Magazine : 60-63.	
		Jory, D. , D. McMahon, et al. (2002). Inland Shrimp Culture with Zero Water Exchange Ponds. Aquaculture Magazine : 74-77.	
		Kyle, D. J. (1997). "Production and use of a single cell oil highly enriched in arachidonic acid."Lipid Technology 9: 116-121.	
		Kyle, D. J. and L. M. Arterburn (1998). "Single cell oil sources of docosahexaenoic acid: clinical studies. "World Rev Nutr Diet 83: 116-31.	
		Leung, P. S. and S. M. Moss (2000). Economic Assessment of a Prototype Biosecure Shrimp Growout Facility. Controlled and Biosecure Production Systems: Evolution and Integration of Shrimp and Chicken Production Models. , Sidney, Australia, World Aquaculture Society.	
		Lombardini, J. B. (1992). "Review : recent studies on taurine in the central nervous system. "Adv Exp Med Biol 315: 245-51.	
		Lopez, M. , R. Allen, et al. (2002). Projected Cost Comparison of Semi- Intensive, Zero-Exchange Culture Systems in Nicaragua. Global Aquaculture Advocate: 88-89.	
		Lorenz, R. T. and G. R. Cysewski (2000). "Commercial potential for Haematococcus microalgae as a natural source of astaxanthin. "Trends Biotechnol 18 (4): 160-7.	
		Lourenco, R. and M. E. Camilo (2002). "Taurine : a conditionally essential amino acid in humans? An overview in health and disease."Nutr Hosp 17 (6): 262-70.	
		Neuringer, M. , H. Imaki, et al. (1987). "Abnormal visual acuity and retinal morphology in rhesus monkeys fed a taurine-free diet during the first three postnatal months. "Adv Exp Med Biol 217: 125-34.	
		Pita, M. L. , J. M. Rubio, et al. (1997). "Chronic alcoholism decreases polyunsaturated fatty acid levels in human plasma, erythrocytes, and platelets--influence of chronic liver disease. "Thromb Haemost 78 (2): 808-12.	
		Ramirez, J. , H. Gutierrez, et al. (2001)."Optimization of astaxanthin production by Phaffia rhodozyma through factorial design and response surface methodology. "J Biotechnol 88 (3): 259-68.	

TRI1\676091v1	/Chhaya Sayala/	Date Considered	11/02/2010
---------------	-----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /C.S./

Receipt date: 02/20/2009

Substitute form 1449A/PTO		Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/549,730	
		Filing Date	07/05/2006	
		First Named Inventor	Kyle, D.J.	
		Group Art Unit	1794	
		Examiner Name	C.D. Sayala	
Sheet	3	Attorney Docket Number		026086.079-32

	Rapp, L. M. , S. S. Maple, et al. (2000). "Lutein and zeaxanthin concentrations in rod outer segment membranes from perifoveal and peripheral human retina. "Invest Ophthalmol Vis Sci 41 (5): 1200-9.	
	Salem, N. , Jr. and R. J. Pawlosky (1994). "Arachidonate and docosaehaenoate biosynthesis in various species and compartments in vivo."World Rev Nutr Diet 75 : 114-9.	
	Sargent, J. R. and A. G. Tacon (1999). "Development of farmed fish: a nutritionally necessary alternative to meat. "Proc Nutr Soc 58 (2): 377-83.	
	Snodderly, D. M. (1995)."Evidence for protection against age-related macular degeneration by carotenoids and antioxidant vitamins. "Am J Clin Nutr 62 (6 Suppl) : 1448S-1461S.	
	Suleiman, M. S. , A. C. Moffatt, et al. (1997)."Effect of ischaemia and reperfusion on the intracellular concentration of taurine and glutamine in the hearts of patients undergoing coronary artery surgery. "Biochim Biophys Acta 1324 (2): 223- 31.	
	Takeuchi, T. (2001). "Taurine content of Japanese flounder, Paralichthys olivaceus T. & S. and red sea bream Pagrus major T. & S. during the period of seed production."Aquaculture Research 32: 244-248.	
	Tricarico, D. , M. Barbieri, et al. (2001)."Voltage-dependent antagonist/agonist actions of taurine on Ca (2+) -activated potassium channels of rat skeletal muscle fibers. "J Pharmacol Exp Ther 298 (3): 1167-71.	
	Meyers, S.P. and Latscha, T. (1997). Carotenoids. Crustacean Nutrition, Baton Rouge, World Aquatic Society. 164-193.	

TRI1\676091v1	/Chhaya Sayala/	Date Considered	11/02/2010
---------------	-----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /C.S./